L Number	Hits	Search Text	DB	Time stamp
4	2	(((701/111,114,115,102.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment) and "knock detection") and adjust$3 and cylinders	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:12
5	6	5206809.URPN.	USPAT	2004/06/28 14:07
6	2	5206809.URPN. and ((cylinder or cylinders) near2 ((sensor or sensors) or detect$3))	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:14
7	2	(5206809.URPN. and ((cylinder or cylinders) near2 ((sensor or sensors) or detect$3))) and (knock or vibration or shock)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:51
8	0	(701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjust$4 and (sens$3 near2 cylind$3) and (full adj load)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:21
9	13	(701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjust$4 and (sens$3 near2 cylind$3) and (load)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:51
10	2	((701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjust$4 and (sens$3 near2 cylind$3) and (load)) and ((first or second) adj signal)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 15:04
11	7	("4979399" | "5144846" | "5269178" | "5571958" | "5654500" | "5675094" | "5686672").PN.	USPAT	2004/06/28 14:46
12	2	(5206809.URPN. and ((cylinder or cylinders) near2 ((sensor or sensors) or detect$3))) and (knock near2 (detect$3 or sens$3))	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:53
13	1	((5206809.URPN. and ((cylinder or cylinders) near2 ((sensor or sensors) or detect$3))) and (knock near2 (detect$3 or sens$3))) and (knock same cylinder)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:53
14	7	("4444172" | "4565087" | "5052214" | "5206809" | "5970952" | "5979406" | "6000276").PN.	USPAT	2004/06/28 14:57
15	2	(((701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjust$4 and (sens$3 near2 cylind$3) and (load)) and ((first or second) adj signal)) and adjust$3	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 15:05
16	2	((((701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjust$4 and (sens$3 near2 cylind$3) and (load)) and ((first or second) adj signal)) and adjust$3) and (values or variable)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 15:06
-	3577	(knock near2 (detect$3 or sens$3))	USPAT; US-PGPUB; JPO; DERWENT	2004/06/27 13:36
-	749	((knock near2 (detect$3 or sens$3))) and piston	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:22
-	577	(((knock near2 (detect$3 or sens$3))) and piston) and sensors	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:24
-	2	((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and (adjustment adj variable)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:23

-	2	((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and (adjustment adj variables)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:23
-	500	((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:24
-	48	701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:24
-	352	123/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:25
-	145	(123/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:25
-	14	(701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:55
-	22	((123/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment) and "knock detection"	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:28
-	19	(((123/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment) and "knock detection") and adjust$3	USPAT; US-PGPUB; JPO; DERWENT	2004/06/27 13:36
-	37	(701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjust$4	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:20
-	14	((701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment) and ((701/$.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjust$4)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:34
-	10	5335744.URPN.	USPAT	2004/06/24 15:32
-	1741	123/406.16,406.21,406.29,406.34-406.39.ccls.	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:55
-	654	((knock near2 (detect$3 or sens$3))) and 123/406.16,406.21,406.29,406.34-406.39.ccls.	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:55
-	190	(((knock near2 (detect$3 or sens$3))) and 123/406.16,406.21,406.29,406.34-406.39.ccls.) and adjust$4	USPAT; US-PGPUB; JPO; DERWENT	2004/06/24 15:56
-	52	((((knock near2 (detect$3 or sens$3))) and 123/406.16,406.21,406.29,406.34-406.39.ccls.) and adjust$4) and piston and sensors	USPAT; US-PGPUB; JPO; DERWENT	2004/06/27 12:39
-	4	((((knock near2 (detect$3 or sens$3))) and 123/406.16,406.21,406.29,406.34-406.39.ccls.) and adjust$4) and piston and (cylinders near3 sensors)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/27 12:39
-	1620	701/111,114,115,102.ccls.	USPAT; US-PGPUB; JPO; DERWENT	2004/06/27 13:36

-	1938	73/118.1,117.2.ccls.	USPAT; US-PGPUB; JPO; DERWENT	2004/06/27 13:36
-	2	(((701/111,114,115,102.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment) and "knock detection") and adjust$3	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 14:07
-	6	5206809.URPN.	USPAT	2004/06/27 13:37
-	5	("4538454" | "4622939" | "4802454" | "4905648" | "4976241").PN.	USPAT	2004/06/27 13:37
-	2	(((73/118.1,117.2.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment) and "knock detection") and adjust$3	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 10:54
-	3	5495774.URPN.	USPAT	2004/06/27 13:37
-	11	("2912642" | "4503714" | "4566338" | "4589290" | "4803885" | "4939937" | "4979399" | "5269178" | "5287735" | "5323659" | "5351555").PN.	USPAT	2004/06/27 13:37
-	7	5313826.URPN.	USPAT	2004/06/27 13:38
-	2	("4589290" | "4803885").PN.	USPAT	2004/06/27 13:38
-	2	(((73/118.1,117.2.ccls. and (((((knock near2 (detect$3 or sens$3))) and piston) and sensors) and signals)) and adjustment) and "knock detection") and measurement	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 10:57
-	20	(knock adj detect$3) near2 adjust$3	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 10:57
-	23	(knock adj detect$3) near2 adjust$4	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 10:57
-	20	((knock adj detect$3) near2 adjust$3) and ((knock adj detect$3) near2 adjust$4)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 10:58
-	10	(((knock adj detect$3) near2 adjust$3) and ((knock adj detect$3) near2 adjust$4)) and cylinders	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 10:58
-	2	(((knock adj detect$3) near2 adjust$3) and ((knock adj detect$3) near2 adjust$4)) and (sensors near3 cylinders)	USPAT; US-PGPUB; JPO; DERWENT	2004/06/28 10:58